ELSEVIER International Journal of Mass Spectrometry and Ion Processes 137 (1994) 173

AUTHOR INDEX

Alcaraz, C., 93

Beauchamp, J.L., 121
Becker, K., 77
Beschetnov, M.E., 1
Bierbaum, V.M., 107
Bonacic-Koutecky, V., 77
Bouchoux, G., 93

Campbell, S., 121
Cespiva, L., 77
Cornelissen, C., 77

Davico, G.E., 107
de Koster, C.G., 67
DePuy, C.H., 107
Deutsch, H., 77
Dorofeyev, V.E., 31
Dutuit, O., 93
Dyer, P.E., 151

Eberhardt, P., 55

Grebner, T.L., L1
Grützmacher, H.F., 43

Hamann, S., 43

Kantartzoglou, S., 151
Knysh, A.A., 1
Kopp, E., 55
Kuraev, V.V., 1

Märk, T.D., 77
Marshall, A.G., 9
Marto, J.A., 9
Marzluff, E.M., 121
Mukoyama, T., 31

Nakamatsu, H., 31
Neusser, H.J., L1
Nguyen, M.T., 93

Perera, I.K., 151
Petrachenko, N.E., 31

Robinson, M.S., 107
Rodgers, M.T., 121
Rygal, S.A., 1
Rytz, C., 55

Schweikhard, L., 9

Tarnovsky, V., 77
Thölmann, D., 43

van Houte, J.J., 67
van Thuijl, J., 67
Voinov, V.G., 31

ELSEVIER International Journal of Mass Spectrometry and Ion Processes 137 (1994) 175–177

International Journal of Mass Spectrometry and Ion Processes

SUBJECT INDEX

Aromatic substitution
Gas phase substitution reactions by radical cations. Part 4. Methylene transfer by the C–C ring-opened oxirane radical cation to chlorobenzene: product ion analysis 67
Atmospheric measuring apparatus
Simultaneous ion detection mass spectrometer for the measurement of stratospheric trace gases 55

Biomolecules
Coumarin laser dyes as matrices for matrix assisted UV laser desorption/ionization mass spectrometry 151

Carbon-13 labeling
The gas phase ion/molecule chemistry of the carbon-13 labeled ketenyl and methyl ketenyl anions with CS_2, COS, and CO_2 107
Chemical ionization
Gas phase substitution reactions by radical cations. Part 4. Methylene transfer by the C–C ring-opened oxirane radical cation to chlorobenzene: product ion analysis 67
Collision-induced dissociation
Low-energy collision-induced dissociation of deprotonated dinucleotides: determination of the energetically favored dissociation pathways and the relative acidities of the nucleic acid bases 121
Cross-sections
Measured and calculated absolute total cross-sections for the single ionization of CF_x and NF_x by electron impact 77
Cyclobutanol
A photoionization and molecular orbital study of cyclobutanol and cyclobutylamine radical cations 93
Cyclobutylamine
A photoionization and molecular orbital study of cyclobutanol and cyclobutylamine radical cations 93
Cyclotron
A two-electrode ion trap for Fourier transform ion cyclotron resonance mass spectrometry 9

Dinucleotides
Low-energy collision-induced dissociation of deprotonated dinucleotides: determination of the energetically favored dissociation pathways and the relative acidities of the nucleic acid bases 121
Dissociation
Molecular orbital study of resonance electron capture by 3-substituted aliphatic acids and their methyl esters 31
Dyes
Coumarin laser dyes as matrices for matrix assisted UV laser desorption/ionization mass spectrometry 151

Electron capture
Molecular orbital study of resonance electron capture by 3-substituted aliphatic acids and their methyl esters 31
Electron impact ionization
Measured and calculated absolute total cross-sections for the single ionization of CF_x and NF_x by electron impact 77
Electrostatic fields
Numerical solution of Laplace's equation for axially symmetric regions with a discontinuous linear boundary 1

Fatty acid
Molecular orbital study of resonance electron capture by 3-substituted aliphatic acids and their methyl esters 31
Fourier transform
A two-electrode ion trap for Fourier transform ion cyclotron resonance mass spectrometry 9
Free radicals
Measured and calculated absolute total cross-sections for the single ionization of CF_x and NF_x by electron impact 77
FT-ICR
Gas-phase reactions of chloro- and bromoanisoles with methyl- and dimethylamine via radical cations 43

Gas phase reactions
The gas phase ion/molecule chemistry of the carbon-13 labeled ketenyl and methyl ketenyl anions with CS_2, COS, and CO_2 107
Gas phase substitution
Gas-phase reactions of chloro- and bromoanisoles with methyl- and dimethylamine via radical cations 43

Haloanisoles
Gas-phase reactions of chloro- and bromoanisoles with methyl- and dimethylamine via radical cations 43

ICR
A two-electrode ion trap for Fourier transform ion cyclotron resonance mass spectrometry 9
Ion kinetics
Laser produced ions stored in a cylindrical ion trap and detected in a reflectron time-of-flight mass spectrometer L1
Ion trap
A two-electrode ion trap for Fourier transform ion cyclotron resonance mass spectrometry 9
Laser produced ions stored in a cylindrical ion trap and detected in a reflectron time-of-flight mass spectrometer L1
Ion/molecule chemistry
The gas phase ion/molecule chemistry of the carbon-13 labeled ketenyl and methyl ketenyl anions with CS_2, COS, and CO_2 107
Ion/molecule reactions
Gas-phase reactions of chloro- and bromoanisoles with methyl- and dimethylamine via radical cations 43

Ketenyl anions
The gas phase ion/molecule chemistry of the carbon-13 labeled ketenyl and methyl ketenyl anions with CS_2, COS, and CO_2 107

Laplace's equation
Numerical solution of Laplace's equation for axially symmetric regions with a discontinuous linear boundary 1
Laser desorption
Coumarin laser dyes as matrices for matrix assisted UV laser desorption/ionization mass spectrometry 151

MALDI
Coumarin laser dyes as matrices for matrix assisted UV laser desorption/ionization mass spectrometry 151
Mass spectrometers
Simultaneous ion detection mass spectrometer for the measurement of stratospheric trace gases 55
Matrices
Coumarin laser dyes as matrices for matrix assisted UV laser desorption/ionization mass spectrometry 151
Methyl ester
Molecular orbital study of resonance electron capture by 3-substituted aliphatic acids and their methyl esters 31
Methylene transfer
Gas phase substitution reactions by radical cations. Part 4. Methylene transfer by the C–C ring-opened oxirane radical cation to chlorobenzene: product ion analysis 67
Molecular orbital calculations
A photoionization and molecular orbital study of cyclobutanol and cyclobutylamine radical cations 93

Negative ions
Simultaneous ion detection mass spectrometer for the measurement of stratospheric trace gases 55
Nitrogen compounds
Simultaneous ion detection mass spectrometer for the measurement of stratospheric trace gases 55
Nucleic acid bases
Low-energy collision-induced dissociation of deprotonated dinucleotides: determination of the energetically favored dissociation pathways and the relative acidities of the nucleic acid bases 121
Numerical solution
Numerical solution of Laplace's equation for axially symmetric regions with a discontinuous linear boundary 1

Oxirane
Gas phase substitution reactions by radical cations. Part 4. Methylene transfer by the C–C ring-opened oxirane radical cation to chlorobenzene: product ion analysis 67

Parametric
A two-electrode ion trap for Fourier transform ion cyclotron resonance mass spectrometry 9
Penning
A two-electrode ion trap for Fourier transform ion cyclotron resonance mass spectrometry 9
Photoionization
A photoionization and molecular orbital study of cyclobutanol and cyclobutylamine radical cations 93

Quantum chemistry
Molecular orbital study of resonance electron capture by 3-substituted aliphatic acids and their methyl esters 31

Radical cations
Gas-phase reactions of chloro- and bromoanisoles with methyl- and dimethylamine via radical cations 43
Resonance-enhanced multi-photon ionization
Laser produced ions stored in a cylindrical ion trap and detected in a reflectron time-of-flight mass spectrometer L1

State-selected ions
Laser produced ions stored in a cylindrical ion trap and detected in a reflectron time-of-flight mass spectrometer L1
Stratosphere
Simultaneous ion detection mass spectrometer for the measurement of stratopsheric trace gases 55

Time-of-flight mass spectrometry
Coumarin laser dyes as matrices for matrix assisted UV laser desorption/ionization mass spectrometry 151
Laser produced ions stored in a cylindrical ion trap and detected in a reflectron time-of-flight mass spectrometer L1

Vinyl alcohol radical cation
A photoionization and molecular orbital study of cyclobutanol and cyclobutylamine radical cations 93
Vinylamine radical cation
A photoionization and molecular orbital study of cyclobutanol and cyclobutylamine radical cations 93